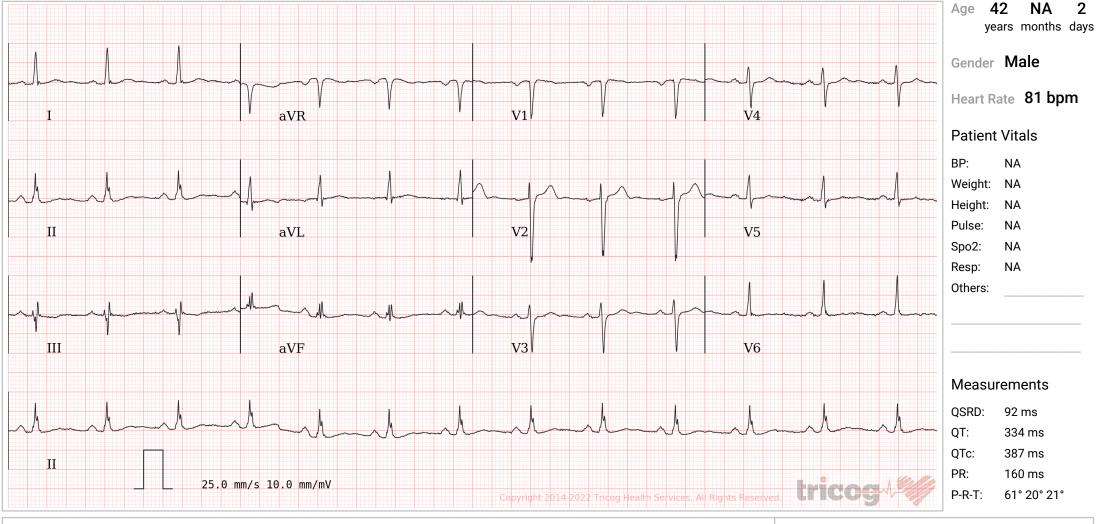
# SUBURBAN DIAGNOSTICS - G B ROAD, THANE WEST



Patient Name:NIHAR RANJAN PATRAPatient ID:2204332415

Date and Time: 12th Feb 22 12:26 PM



ECG Within Normal Limits: Sinus Rhythm, Normal Axis.Please correlate clinically.

REPORTED BY



DR SHAILAJA PILLAI MBBS, MD Physican MD Physican 49972

Disclaimer: 1) Analysis in this report is based on ECG alone and should be used as an adjunct to clinical history, symptoms, and results of other invasive and non-invasive tests and must be interpreted by a qualified physician. 2) Patient vitals are as entered by the clinician and not derived from the ECG.



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PRECISE TESTING	·HEALTHIER LIVING			
CID	: 2204332415			Р
Name	: Mr NIHAR RANJAN PATRA			0
Age / Sex	: 42 Years/Male		Use a QR Code Scanner Application To Scan the Code	D
Ref. Dr	:	Reg. Date	: 12-Feb-2022 / 12:17	R
<b>Reg.</b> Location	: G B Road, Thane West Main Centre	Reported	:12-Feb-2022 / 12:54	Т

# **X-RAY CHEST PA VIEW**

Both lung fields are clear.

Both costo-phrenic angles are clear.

The cardiac size and shape are within normal limits.

The domes of diaphragm are normal in position and outlines.

The skeleton under review appears normal.

# **IMPRESSION: NO SIGNIFICANT ABNORMALITY IS DETECTED.**

-----End of Report-----

Authenticity Check

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Dr. Devendra Patil MBBS, MD (Radio-Diagnosis) Consultan Radiologist MMC - 2013/02/0165

Click here to view images http://202.143.96.162/Suburban/Viewer?ViewerType=3&AccessionNo=2022021210021600

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ADDRESS: 2<sup>nd</sup> Floor, Aston, Sundervan Complex, Above Mercedes Showroom, Andheri West - 400053

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### MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO

CBC (Complete Blood Count), Blood				
<u>PARAMETER</u>	<b>RESULTS</b>	<b>BIOLOGICAL REF RANGE</b>	<u>METHOD</u>	
<b>RBC PARAMETERS</b>				
Haemoglobin	17.7	13.0-17.0 g/dL	Spectrophotometric	
RBC	5.38	4.5-5.5 mil/cmm	Elect. Impedance	
PCV	51.1	40-50 %	Measured	
MCV	95	80-100 fl	Calculated	
MCH	32.9	27-32 pg	Calculated	
MCHC	34.7	31.5-34.5 g/dL	Calculated	
RDW	13.4	11.6-14.0 %	Calculated	
WBC PARAMETERS				
WBC Total Count	8100	4000-10000 /cmm	Elect. Impedance	
WBC DIFFERENTIAL AND	ABSOLUTE COUNTS			
Lymphocytes	30.2	20-40 %		
Absolute Lymphocytes	2446.2	1000-3000 /cmm	Calculated	
Monocytes	6.9	2-10 %		
Absolute Monocytes	558.9	200-1000 /cmm	Calculated	
Neutrophils	39.3	40-80 %		
Absolute Neutrophils	3183.3	2000-7000 /cmm	Calculated	
Eosinophils	23.5	1-6 %		
Absolute Eosinophils	1903.5	20-500 /cmm	Calculated	
Basophils	0.1	0.1-2 %		
Absolute Basophils	8.1	20-100 /cmm	Calculated	
Immature Leukocytes	-			

WBC Differential Count by Absorbance & Impedance method/Microscopy.

<u>PLATELET PARAMETERS</u>			
Platelet Count	246000	150000-400000 /cmm	Elect. Impedance
MPV	8.3	6-11 fl	Calculated
PDW	13.5	11-18 %	Calculated
RBC MORPHOLOGY			
Hypochromia	-		
Microcytosis			

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Reg. Location	: G B Road, Thane West (Main Centre)	Reported	:12-Feb-2022 / 11:54	т

Macrocytosis	-		
Anisocytosis	-		
Poikilocytosis	-		
Polychromasia	-		
Target Cells	-		
Basophilic Stippling	-		
Normoblasts	-		
Others	Normocytic,Normochromic		
WBC MORPHOLOGY	-		
PLATELET MORPHOLOGY	-		
COMMENT	Eosinophilia		
Specimen: EDTA Whole Blood			
ESR, EDTA WB	5	2-15 mm at 1 hr.	Westergren

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD G B Road Lab, Thane West \*\*\* End Of Report \*\*\*



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R E P :2204332415 O Name : MR.NIHAR RANJAN PATRA Use a OR Code Scanner Age / Gender : 42 Years / Male Application To Scan the Code Consulting Dr. Collected : -:12-Feb-2022 / 13:13 Reported :12-Feb-2022 / 14:55 Reg. Location : G B Road, Thane West (Main Centre) т MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO RESULTS BIOLOGICAL REF RANGE METHOD PARAMETER

GLUCOSE (SUGAR) FASTING, Fluoride Plasma	110.3	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	153.6	Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >/= 200 mg/dl	Hexokinase
Urine Sugar (Fasting)	Absent	Absent	
Urine Ketones (Fasting)	Absent	Absent	
Urine Sugar (PP)	Absent	Absent	
Urine Ketones (PP)	Absent	Absent	

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD G B Road Lab, Thane West \*\*\* End Of Report \*\*\*



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: 12-Feb-2022 / 11:02 :12-Feb-2022 / 17:56

#### MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO **GLYCOSYLATED HEMOGLOBIN (HbA1c)** BIOLOGICAL REF RANGE RESULTS PARAMETER MFTHOD

Glycosylated Hemoglobin (HbA1c), EDTA WB - CC	5.6	Non-Diabetic Level: < 5.7 % Prediabetic Level: 5.7-6.4 % Diabetic Level: >/= 6.5 %	HPLC
Estimated Average Glucose (eAG), EDTA WB - CC	114.0	mg/dl	Calculated

### Intended use:

- In patients who are meeting treatment goals, HbA1c test should be performed at least 2 times a year
- In patients whose therapy has changed or who are not meeting glycemic goals, it should be performed quarterly
- For microvascular disease prevention, the HbA1C goal for non pregnant adults in general is Less than 7%.

#### **Clinical Significance:**

- HbA1c, Glycosylated hemoglobin or glycated hemoglobin, is hemoglobin with glucose molecule attached to it.
- The HbA1c test evaluates the average amount of glucose in the blood over the last 2 to 3 months by measuring the percentage of glycosylated hemoglobin in the blood.

#### Test Interpretation:

- The HbA1c test evaluates the average amount of glucose in the blood over the last 2 to 3 months by measuring the percentage of Glycosylated hemoglobin in the blood.
- HbA1c test may be used to screen for and diagnose diabetes or risk of developing diabetes.
- To monitor compliance and long term blood glucose level control in patients with diabetes.
- Index of diabetic control, predicting development and progression of diabetic micro vascular complications.

#### Factors affecting HbA1c results:

Increased in: High fetal hemoglobin, Chronic renal failure, Iron deficiency anemia, Splenectomy, Increased serum triglycerides, Alcohol ingestion, Lead/opiate poisoning and Salicylate treatment.

Decreased in: Shortened RBC lifespan (Hemolytic anemia, blood loss), following transfusions, pregnancy, ingestion of large amount of Vitamin E or Vitamin C and Hemoglobinopathies

Reflex tests: Blood glucose levels, CGM (Continuous Glucose monitoring)

References: ADA recommendations, AACC, Wallach's interpretation of diagnostic tests 10th edition.

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West \*\*\* End Of Report \*\*\*





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#### MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO **PROSTATE SPECIFIC ANTIGEN (PSA)** RESULTS **BIOLOGICAL REF RANGE METHOD**

### PARAMETER

TOTAL PSA, Serum

0.908

0.03-2.5 ng/ml

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1. PSA is detected in the serum of males with normal, benign hyper-plastic, and malignant prostate tissue.

2. The percentage of Free PSA (FPSA) in serum is described as being significantly higher in patients with BPH than in patients with prostate cancer.

3. Calculation of the ratio of Free to Total PSA (ie. FPSA/TPSA), has been suggested as way of improving the differentiation of BPH and Prostate cancer.

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West

\*\*\* End Of Report \*\*



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Anto

**Dr.ANUPA DIXIT** M.D.(PATH) **Consultant Pathologist & Lab** Director

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### MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO URINE EXAMINATION REPORT

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	<u>METHOD</u>
PHYSICAL EXAMINATION			
Color	Yellow	Pale Yellow	-
Reaction (pH)	Acidic (5.0)	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.025	1.010-1.030	Chemical Indicator
Transparency	Slight hazy	Clear	-
Volume (ml)	50	-	-
<b>CHEMICAL EXAMINATION</b>			
Proteins	Absent	Absent	pH Indicator
Glucose	Absent	Absent	GOD-POD
Ketones	Absent	Absent	Legals Test
Blood	Absent	Absent	Peroxidase
Bilirubin	Absent	Absent	Diazonium Salt
Urobilinogen	Normal	Normal	Diazonium Salt
Nitrite	Absent	Absent	Griess Test
MICROSCOPIC EXAMINATION			
Leukocytes(Pus cells)/hpf	1-2	0-5/hpf	
Red Blood Cells / hpf	Absent	0-2/hpf	
Epithelial Cells / hpf	1-2		
Casts	Absent	Absent	
Crystals	Absent	Absent	
Amorphous debris	Absent	Absent	
Bacteria / hpf	1-2	Less than 20/hpf	

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD G B Road Lab, Thane West \*\*\* End Of Report \*\*'





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:12-Feb-2022 / 11:02 :12-Feb-2022 / 13:17

## MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO BLOOD GROUPING & Rh TYPING

### PARAMETER

### RESULTS

ABO GROUP O Rh TYPING Positive

NOTE: Test performed by Semi- automated column agglutination technology (CAT)

Note : This Sample has also been tested for Bombay group/Bombay phenotype /Oh using anti-H lectin.

Specimen: EDTA Whole Blood and/or serum

#### Clinical significance:

ABO system is most important of all blood group in transfusion medicine

#### Limitations:

- ABO blood group of new born is performed only by cell (forward) grouping because allo antibodies in cord blood are of maternal origin.
- Since A & B antigens are not fully developed at birth, both Anti-A & Anti-B antibodies appear after the first 4 to 6 months of life. As a result, weaker reactions may occur with red cells of newborns than of adults.
- Confirmation of newborn's blood group is indicated when A & B antigen expression and the isoagglutinins are fully developed at 2 to 4 years of age & remains constant throughout life.
- Cord blood is contaminated with Wharton's jelly that causes red cell aggregation leading to false positive result
- The Hh blood group also known as Oh or Bombay blood group is rare blood group type. The term Bombay is used to refer the phenotype that lacks normal expression of ABH antigens because of inheritance of hh genotype.

#### Refernces:

- 1. Denise M Harmening, Modern Blood Banking and Transfusion Practices- 6th Edition 2012. F.A. Davis company. Philadelphia
- 2. AABB technical manual

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\*\*\* End Of Report \*\*\*



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:2204332415

: -

: 42 Years / Male

: MR.NIHAR RANJAN PATRA

: G B Road, Thane West (Main Centre)

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MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO LIPID PROFILE

PARAMETER	<u>RESULTS</u>	<b>BIOLOGICAL REF RANGE</b>	<u>METHOD</u>
CHOLESTEROL, Serum	273.9	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	Enzymatic
TRIGLYCERIDES, Serum	253.0	Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>/=500 mg/dl	GPO-POD
HDL CHOLESTEROL, Serum	34.2	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	239.7	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	207.1	Optimal: <100 mg/dl Near Optimal: 100 - 129 mg/dl Borderline High: 130 - 159 mg/dl High: 160 - 189 mg/dl Very High: >/= 190 mg/dl	Homogeneous enzymatic colorimetric assay
VLDL CHOLESTEROL, Serum	32.6	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	8.0	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO,	6.1	0-3.5 Ratio	Calculated

Serum

Note : LDL measured by direct method.

Result rechecked. Kindly correlate clinically.

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD G B Road Lab, Thane West \*\*\* End Of Report \*\*\*



Amit Taon'

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Age / Gender	: 42 Years / Male
Consulting Dr.	: -
Reg. Location	: G B Road, Thane West (Main Centre)



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## :12-Feb-2022 / 11:02 :12-Feb-2022 / 13:33

### MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO KIDNEY FUNCTION TESTS

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	<u>METHOD</u>
BLOOD UREA, Serum	18.2	12.8-42.8 mg/dl	Urease & GLDH
BUN, Serum	8.5	6-20 mg/dl	Calculated
CREATININE, Serum	0.99	0.67-1.17 mg/dl	Enzymatic
eGFR, Serum	88	>60 ml/min/1.73sqm	Calculated
TOTAL PROTEINS, Serum	7.0	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.9	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.1	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	2.3	1 - 2	Calculated
URIC ACID, Serum	7.3	3.5-7.2 mg/dl	Uricase
PHOSPHORUS, Serum	3.5	2.7-4.5 mg/dl	Ammonium molybdate
CALCIUM, Serum	9.6	8.6-10.0 mg/dl	N-BAPTA
SODIUM, Serum	141	135-148 mmol/l	ISE
POTASSIUM, Serum	4.2	3.5-5.3 mmol/l	ISE
CHLORIDE, Serum	101	98-107 mmol/l	ISE

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RECISE TESTING - HEAL				Е
CID	: 2204332415			Ρ
Name	: MR.NIHAR RANJAN PATRA			0
Age / Gender	: 42 Years / Male		Use a QR Code Scanner Application To Scan the Code	R
Consulting Dr. Reg. Location	: - :G B Road, Thane West (Main Centre)	Collected Reported	:12-Feb-2022 / 11:02 :12-Feb-2022 / 12:48	т

## MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO THYROID FUNCTION TESTS

PARAMETER	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
Free T3, Serum	5.3	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	17.9	11.5-22.7 pmol/L	ECLIA
sensitiveTSH, Serum	1.5	0.35-5.5 microIU/ml	ECLIA

#### Interpretation:

A thyroid panel is used to evaluate thyroid function and/or help diagnose various thyroid disorders.

#### **Clinical Significance:**

1)TSH Values between 5.5 to 15 microIU/ml should be correlated clinically or repeat the test with new sample as physiological factors can give falsely high TSH.

2)TSH values may be trasiently altered becuase of non thyroidal illness like severe infections, liver disease, renal and heart severe burns, trauma and surgery etc.

TSH	FT4 / T4	FT3 / T3	Interpretation	
High	Normal	Normal	Subclinical hypothyroidism, poor compliance with thyroxine, drugs like amiodarone, Recovery phase of non- thyroidal illness, TSH Resistance.	
High	Low	Low	Hypothyroidism, Autoimmune thyroiditis, post radio iodine Rx, post thyroidectomy, Anti thyroid drugs, tyrosine kinase inhibitors & amiodarone, amyloid deposits in thyroid, thyroid tumors & congenital hypothyroidism.	
Low	High	High	Hyperthyroidism, Graves disease, toxic multinodular goiter, toxic adenoma, excess iodine or thyroxine intake, pregnancy related (hyperemesis gravidarum, hydatiform mole)	
Low	Normal	Normal	Subclinical Hyperthyroidism, recent Rx for Hyperthyroidism, drugs like steroids & dopamine), Non thyroidal illness.	
Low	Low	Low	Central Hypothyroidism, Non Thyroidal Illness, Recent Rx for Hyperthyroidism.	
High High Interfering anti TPO antibodies, Drug interference: Amiodarone, He epileptics.		High	Interfering anti TPO antibodies, Drug interference: Amiodarone, Heparin, Beta Blockers, steroids & anti epileptics.	

Diurnal Variation: TSH follows a diurnal rhythm and is at maximum between 2 am and 4 am , and is at a minimum between 6 pm and 10 pm. The variation is on the order of 50 to 206%. Biological variation: 19.7% (with in subject variation)

Reflex Tests: Anti thyroid Antibodies, USG Thyroid , TSH receptor Antibody. Thyroglobulin, Calcitonin

Limitations: Samples should not be taken from patients receiving therapy with high biotin doses (i.e. >5 mg/day) until atleast 8 hours following the last biotin administration.

#### **Reference:**

1.O.koulouri et al. / Best Practice and Research clinical Endocrinology and Metabolism 27(2013)

2. Interpretation of the thyroid function tests, Dayan et al. THE LANCET . Vol 357

3. Tietz, Text Book of Clinical Chemistry and Molecular Biology -5th Edition

4.Biological Variation: From principles to Practice-Callum G Fraser (AACC Press)

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD G B Road Lab, Thane West \*\*\* End Of Report \*\*\*



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Dr.AMIT TAORI M.D (Path) Pathologist

Authenticity Check

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### MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO LIVER FUNCTION TESTS

Collected

Reported

PARAMETER	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
BILIRUBIN (TOTAL), Serum	0.64	0.1-1.2 mg/dl	Diazo
BILIRUBIN (DIRECT), Serum	0.23	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.41	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	7.0	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.9	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.1	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	2.3	1 - 2	Calculated
SGOT (AST), Serum	28.1	5-40 U/L	IFCC without pyridoxal phosphate activation
SGPT (ALT), Serum	69.0	5-45 U/L	IFCC without pyridoxal phosphate activation
GAMMA GT, Serum	143.6	3-60 U/L	IFCC
ALKALINE PHOSPHATASE, Serum	96.2	40-130 U/L	PNPP

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD G B Road Lab, Thane West \*\*\* End Of Report \*\*\*



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